

FILE 'HOME' ENTERED AT 13:19:48 ON 07 JUN 2002)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,
USPATFULL, JAPIO' ENTERED AT 13:20:03 ON 07 JUN 2002

L1	23919 S EIMERIA
L2	18067 S COCCIDIOSIS
L3	27354 S OOCYST?
L4	425724 S VACCINE
L5	1244 S L2 AND L4
L6	10139 S L1 AND L2
L7	4602 S L6 AND L3
L8	467 S L7 AND L4
L9	297 DUP REM L8 (170 DUPLICATES REMOVED)
L10	108 S L9 AND ATTENUAT?
L11	3292797 S (POLYVALENT OR MUTIVALENT OR BIVALENT OR COMBINATION)
L12	43 S L11 AND L10
L13	15 S MAREK AND L12

=>

L12 ANSWER 1 OF 43 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 ACCESSION NUMBER: 1988:222485 BIOSIS
 DOCUMENT NUMBER: BA85:111720
 TITLE: LIVE **ATTENUATED COCCIDIOSIS**
VACCINE SELECTION OF A SECOND PRECOCIOUS LINE OF
EIMERIA-MAXIMA.
 AUTHOR(S): SHIRLEY M W; BELLATTI M A
 CORPORATE SOURCE: INST. ANIM. DISEASE RES., HOUGHTON LAB., HOUGHTON,
 HUNTINGDON, CAMBRIDGESHIRE PE17 2DA.
 SOURCE: RES VET SCI, (1988) 44 (1), 25-28.
 CODEN: RVTSA9. ISSN: 0034-5288.
 FILE SEGMENT: BA; OLD
 LANGUAGE: English

L12 ANSWER 2 OF 43 CABA COPYRIGHT 2002 CABI
 ACCESSION NUMBER: 1998:94504 CABA
 DOCUMENT NUMBER: 982208862
 TITLE: Coccidial and clostridial infections in broiler
 chickens - influence of diet composition
 Waldenstedt, L.
 AUTHOR: Swedish University of Agricultural Sciences,
 Department of Animal Nutrition and Management, P.O.
 CORPORATE SOURCE: Box 7024, SE-750 07 UPPSALA, Sweden.
 SOURCE: Acta Universitatis Agriculturae Sueciae - Agraria,
 (1998) No. 88, pp. 85. many ref.
 Publisher: Sveriges Lantbruksuniversitet (Swedish
 University of Agricultural Sciences), Uppsala.
 ISBN: 91-576-5536-7
 PUB. COUNTRY: Sweden
 DOCUMENT TYPE: Dissertation
 LANGUAGE: English

L12 ANSWER 3 OF 43 CABA COPYRIGHT 2002 CABI
 ACCESSION NUMBER: 91:63798 CABA
 DOCUMENT NUMBER: 910871204
 TITLE: Theoretical and practical aspects of vaccination
 against **coccidiosis**
 AUTHOR: Parry, S. H.; Barrett, M. E. J.; Davis, P. J.;
 Jones, S.; Yvore, P. [EDITOR]
 CORPORATE SOURCE: Unilever Research, Colworth House, Sharnbrook,
 Bedfordshire, MK44 1LQ, UK.
 SOURCE: (1989) pp. 617-632. Les Colloques de l'INRA, No. 49.
 16 ref.
 Publisher: INRA Service des Publications. Versailles
 Meeting Info.: Coccidia and intestinal
 coccidiomorphs. Proceedings of the 5th International
 Coccidiosis Conference. Tours (France), 17-20
 October 1989.
 ISBN: 2-7380-0164-5
 PUB. COUNTRY: France
 DOCUMENT TYPE: Conference Article
 LANGUAGE: English

L12 ANSWER 4 OF 43 CABA COPYRIGHT 2002 CABI
 ACCESSION NUMBER: 91:33179 CABA
 DOCUMENT NUMBER: 912217696
 TITLE: Results of experimental vaccination trials against
coccidiosis in fowls in the years 1987-1989
 Vysledky pokusne terenni vakcinace kura domacih
 proti kokcidioze v letech 1987-1989
 AUTHOR: Bedrník, P.; Kucera, A.; Firmanova, A.
 CORPORATE SOURCE: Vyzkumny Ustav pro Biofaktory a Veterinarni Leciva,
 Pohori-Chotoun, 25449 Jilove u Prahy,
 Czechoslovakia.

SOURCE: Veterinarstvi, (1990) Vol. 40, No. 8, pp. 360-364.
DOCUMENT TYPE: Journal
LANGUAGE: Czech

L12 ANSWER 5 OF 43 CABA COPYRIGHT 2002 CABI
ACCESSION NUMBER: 89:111164 CABA
DOCUMENT NUMBER: 892295314
TITLE: Field vaccination of broilers against
coccidiosis
AUTHOR: Bedrník, P.; Kucera, J.; Firmanova, A.; Jurkovic, P.
CORPORATE SOURCE: Res. Inst. Feed Suppl. Vet Drugs, 254 49 Jilove,
Prague, Czechoslovakia.
SOURCE: Avian Pathology, (1989) Vol. 18, No. 2, pp. 255-264.
15 ref.
ISSN: 0307-9457
DOCUMENT TYPE: Journal
LANGUAGE: English
SUMMARY LANGUAGE: French; German; Spanish

L12 ANSWER 6 OF 43 CABA COPYRIGHT 2002 CABI
ACCESSION NUMBER: 82:64319 CABA
DOCUMENT NUMBER: 820893592
TITLE: Investigation on chicken coccidial **vaccine**
. II. Study on **attenuated** coccidial
polyvalent vaccine
AUTHOR: Lee, Y. C.; Fang, B. H.; Tzeng, H. C.
CORPORATE SOURCE: Dep. of Vet. Med., Coll. of Agric., Nat. Taiwan
Univ., Taipei, Taiwan.
SOURCE: Journal of the Chinese Society of Veterinary
Science, (1981) Vol. 7, No. 1, pp. 19-23. 15 ref.
ISSN: 0253-9179
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
SUMMARY LANGUAGE: English

L12 ANSWER 7 OF 43 SCISEARCH COPYRIGHT 2002 ISI (R)
ACCESSION NUMBER: 93:439328 SCISEARCH
THE GENUINE ARTICLE: LM277
TITLE: CONTROL OF **COCCIDIOSIS** IN CHICKENS
AUTHOR: ARAKAWA A (Reprint); XIE M Q
CORPORATE SOURCE: UNIV OSAKA PREFECTURE, DEPT VET MED, 1-1 GAKUEN CHO,
SAKAI, OSAKA 593, JAPAN (Reprint)
COUNTRY OF AUTHOR: JAPAN
SOURCE: JOURNAL OF PROTOZOOLOGY RESEARCH, (APR 1993) Vol. 3, No.
2, pp. 31-39.
ISSN: 0917-4427.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: AGRI
LANGUAGE: ENGLISH
REFERENCE COUNT: No References Keyed
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 ANSWER 8 OF 43 USPATFULL
ACCESSION NUMBER: 2002:119334 USPATFULL
TITLE: Method for protecting against chronic infections
INVENTOR(S): Lee, Eng-Hong, Guelph, CANADA

	NUMBER	KIND	DATE
PATENT INFORMATION.	US 2002061314	A1	20020523
APPLICATION INFO.:	US 2001-971359	A1	20011005 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-62316, filed on 20 Apr 1998, PATENTED		

	NUMBER	DATE
PRIORITY INFORMATION:	CA 1997-2213385	19970820
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DENNISON ASSOCIATES, SUITE 301, 133 RICHMOND STREET WEST, TORONTO, ON, M5H 2L7	
NUMBER OF CLAIMS:	3	
EXEMPLARY CLAIM:	1	
LINE COUNT:	707	

L12 ANSWER 9 OF 43 USPATFULL
 ACCESSION NUMBER: 2002:54371 USPATFULL
 TITLE: IN OVO VACCINATION AGAINST **COCCIDIOSIS**
 INVENTOR(S): EVANS, NIGEL A, EAST LYME, UNITED KINGDOM
 FINDLY, ROBERT CRAIG, WETHERSFIELD, CT, UNITED STATES
 WEBER, FREDERICK H., TERRE HAUTE, IN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002031530	A1	20020314
APPLICATION INFO.:	US 1997-973133	A1	19971201 (8)
	WO 1995-IB446		19950607
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	PAUL H. GINSBERG, PFIZER INC., 235 EAST 42ND STREET, NEW YORK, NY, 10017-5755		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
LINE COUNT:	482		

L12 ANSWER 10 OF 43 USPATFULL
 ACCESSION NUMBER: 2002:26861 USPATFULL
 TITLE: METHODS OF TREATMENT
 INVENTOR(S): THOMA, JOHN A., FAYETTEVILLE, AR, UNITED STATES
 HADDAD, EID E., CARY, NC, UNITED STATES
 WHITFILL, CRAIG E., APEX, NC, UNITED STATES
 AVAKIAN, ALAN P., RALEIGH, NC, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002015706	A1	20020207
APPLICATION INFO.:	US 1997-938740	A1	19970926 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-27084P	19960930 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MYERS BIGEL SIBLEY & SAJOVEC, POST OFFICE BOX 37428, RALEIGH, NC, 27627	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	1342	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 11 OF 43 USPATFULL
 ACCESSION NUMBER: 2002:24181 USPATFULL
 TITLE: Viability assay for sporocyst-forming protozoa
 INVENTOR(S): Dibner, Julia, Chesterfield, MO, United States
 Kitchell, Marianne L., Union, MO, United States
 Pfannenstiel, Mary Ann, Lincoln, NE, United States
 PATENT ASSIGNEE(S): Novus International, Inc., St. Louis, MO, United States

(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6344340	B1	20020205
APPLICATION INFO.:	US 2000-503570		20000214 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-122231P	19990301 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Leary, Louise N.	
LEGAL REPRESENTATIVE:	Senniger, Powers, Leavitt & Roedel	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	1048	

L12 ANSWER 12 OF 43 USPATFULL
ACCESSION NUMBER: 2002:12032 USPATFULL
TITLE: **VACCINES AGAINST EIMERIA MEDIATED DISORDER**
INVENTOR(S): VERMEULEN, ARNO N, CUIJK, NETHERLANDS
CLERCX-BREED, DOMINIQUE G J, NIJMEGEN, NETHERLANDS

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002006408	A1	20020117
APPLICATION INFO.:	US 1998-56806	A1	19980408 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1997-302447	19970904
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WILLIAM M BLACKSTONE, AKZO NOBEL, 1300 PICCARD DRIVE NO 206, ROCKVILLE, MD, 208504373	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	1071	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 13 OF 43 USPATFULL
ACCESSION NUMBER: 2001:184832 USPATFULL
TITLE: Method of protecting against chronic infections
INVENTOR(S): Lee, Eng-Hong, RR#4 Rockwood, Octario, Canada NOB 2K0

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6306385	B1	20011023
APPLICATION INFO.:	US 1998-62316		19980420 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	CA 1997-2213385	19970820
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Navarro, Mark	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
LINE COUNT:	700	

L12 ANSWER 14 OF 43 USPATFULL

ACCESSION NUMBER: 2001:167745 USPATFULL

TITLE: Recombinant avian adenovirus vector

INVENTOR(S): Johnson, Michael A., Thornbury, Australia
Prideaux, Christopher T., Coburg, Australia
McCoy, Richard J., Highton, Australia

PATENT ASSIGNEE(S): Lowenthal, John W., Belmont, Australia
Commonwealth Scientific and Industrial Research
Organisation, Campbell, Australia (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6296852	B1	20011002
APPLICATION INFO.:	US 1999-272032		19990318 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-448617, filed on 8 Sep 1995, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	AU 1993-8297	19930414
	WO 1994-AU189	19940414
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Salimi, Ali R.	
LEGAL REPRESENTATIVE:	Greenlee, Winner and Sullivan, P.C.	
NUMBER OF CLAIMS:	41	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 11 Drawing Page(s)	
LINE COUNT:	1739	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 15 OF 43 USPATFULL

ACCESSION NUMBER: 2001:100533 USPATFULL

TITLE: **Coccidiosis vaccines**

INVENTOR(S): Vermeulen, Arnoldus Nicolaas, Korhoederveld,
Netherlands
Schetters, Theodorus Petrus Maria, Sering, Netherlands

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001005910	A1	20010628
APPLICATION INFO.:	US 2000-739561	A1	20001218 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1999-204444	19991221
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	William M. Blackstone, AKZO NOBEL, #206, 1300 Piccard Drive, Rockville, MD, 20850-4373	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	695	

L12 ANSWER 16 OF 43 USPATFULL

ACCESSION NUMBER: 2001:71107 USPATFULL

TITLE: Live in ovo **vaccine**

INVENTOR(S): Colucc, Peter John, East Doncaster, Australia

PATENT ASSIGNEE(S): American Cyanamid Company, Madison, NJ, United States
(U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 6231871 B1 20010515
 APPLICATION INFO.: US 1996-643718 19960506 (8)
 RELATED APPLN. INFO.: Continuation of Ser. No. US 1993-147207, filed on 3 Nov 1993, now abandoned
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Minnifield, Nita
 LEGAL REPRESENTATIVE: Renda, Barbara L., Rosenblum, Anne M.
 NUMBER OF CLAIMS: 26
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 10 Drawing Figure(s); 10 Drawing Page(s)
 LINE COUNT: 1548

L12 ANSWER 17 OF 43 USPATFULL
 ACCESSION NUMBER: 2001:40017 USPATFULL
 TITLE: **Coccidiosis** polypeptide and **vaccines**
 INVENTOR(S): Schaap, Theodorus Cornelis, 's-Hertogenbosch, Netherlands
 Kuiper, Catharina Maria, 's-Hertogenbosch, Netherlands
 Vermeulen, Arnoldus Nicolaas, Cuyk, Netherlands
 PATENT ASSIGNEE(S): Akzo Nobel N.V., Arnhem, Netherlands (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6203801	B1	20010320
APPLICATION INFO.:	US 1999-411578		19991004 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1998-203384	19981007
	EP 1998-203457	19981016
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Minnifield, Nita	
ASSISTANT EXAMINER:	Baskar, Padma	
LEGAL REPRESENTATIVE:	Blackstone, William M.	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
LINE COUNT:	903	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 18 OF 43 USPATFULL
 ACCESSION NUMBER: 2000:84065 USPATFULL
 TITLE: Recombinant avian interferon-gamma (IFN-.gamma.)
 INVENTOR(S): Lowenthal, John William, Croydon North, Australia
 York, Jennifer Joy, Clifton Hill, Australia
 O'Neil, Terri Ellen, Flemington, Australia
 Rhodes, Stephen, Blackburn, Australia
 Digby, Matthew Robert, Wurzburg, Australia
 PATENT ASSIGNEE(S): Commonwealth Scientific and Industrial Research
 Organization, Australian Capital Territory, Australia
 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6083724		20000704
	WO 9627666		19960912
APPLICATION INFO.:	US 1997 765361		19970425 (8)
	WO 1996-AU114		19960305
			19970425 PCT 371 date
			19970425 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	AU 1995-1542	19950306
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Fitzgerald, David L.	
LEGAL REPRESENTATIVE:	Scully, Scott, Murphy & Presser	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	15	
NUMBER OF DRAWINGS:	59 Drawing Figure(s); 51 Drawing Page(s)	
LINE COUNT:	2746	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 19 OF 43 USPATFULL
 ACCESSION NUMBER: 1999:88804 USPATFULL
 TITLE: **Vaccine** comprising **eimeria** spp.
 gametocyte antigen
 INVENTOR(S): Wallach, Michael, Jerusalem, Israel
 Pugatsch, Thea, Maaleh Adumin, Israel
 Mencher, David, Jerusalem, Israel
 PATENT ASSIGNEE(S): Chilwalner, Tel-Aviv, Israel (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5932225		19990803
APPLICATION INFO.:	US 1995-552233		19951102 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-108763, filed on 17 Aug 1993, now patented, Pat. No. US 5496550 which is a continuation of Ser. No. US 1991-642219, filed on 16 Jan 1991, now abandoned which is a continuation-in-part of Ser. No. US 1989-310603, filed on 14 Feb 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-155245, filed on 12 Feb 1988, now abandoned which is a continuation-in-part of Ser. No. US 1986-896611, filed on 14 Aug 1986, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	CA 1987-544427	19870813
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Caputa, Anthony C.	
ASSISTANT EXAMINER:	Navarro, Mark	
LEGAL REPRESENTATIVE:	White, John P.Cooper & Dunham LLP	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	22 Drawing Figure(s); 19 Drawing Page(s)	
LINE COUNT:	2080	

L12 ANSWER 20 OF 43 USPATFULL
 ACCESSION NUMBER: 1999:27247 USPATFULL
 TITLE: Compositions for treating **coccidiosis**
 INVENTOR(S): Virtanen, Erkki, Helsinki, Finland
 Koivistoinen, Mika, Hirvihaara, Finland
 McNaughton, James L., Easton, MD, United States
 PATENT ASSIGNEE(S): Cultor, Ltd., Helsinki, Finland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5876780		19990302
APPLICATION INFO.:	US 1997-914014		19970611 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-389822, filed on 15 Feb 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-202112, filed on 25 Feb 1994, now		

abandoned which is a continuation-in-part of Ser. No.
US 1993-53138, filed on 29 Apr 1993, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Corbin, Arthur L.
LEGAL REPRESENTATIVE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 1655

L12 ANSWER 21 OF 43 USPTATFULL
ACCESSION NUMBER: 1999:7148 USPTATFULL
TITLE: Isospora suis sporozoite antigen
INVENTOR(S): Quick, Douglas P., DesMoines, IA, United States
Welter, Mark W., Urbandale, IA, United States
Welter, C. Joseph, DesMoines, IA, United States
Welter, Lisa M., Los Angeles, CA, United States
Steger, Ann M., DesMoines, IA, United States
PATENT ASSIGNEE(S): Ambico, Inc., Dallas Center, IA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5861160		19990119
APPLICATION INFO.:	US 1995-541759		19951010 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-476401, filed on 7 Jun 1995, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Housel, James C.		
ASSISTANT EXAMINER:	Grun, James L.		
LEGAL REPRESENTATIVE:	Blackstone, William M.		
NUMBER OF CLAIMS:	5		
EXEMPLARY CLAIM:	1,2		
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 6 Drawing Page(s)		
LINE COUNT:	2896		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 22 OF 43 USPTATFULL
ACCESSION NUMBER: 1998:153851 USPTATFULL
TITLE: Continuous cell line and **vaccine** against
avian coccidia
INVENTOR(S): Miller, Timothy J., Lincoln, NE, United States
Clare, Robert A., Malvern, PA, United States
Lufburrow, Patricia, Sacramento, CA, United States
PATENT ASSIGNEE(S): Pfizer Inc, New York, NY, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5846527		19981208
APPLICATION INFO.:	US 1997-848209		19970430 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-182004, filed on 11 Jul 1994, now patented, Pat. No. US 5674484 which is a continuation-in-part of Ser. No. US 1991-729256, filed on 12 Jul 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Housel, James C.		
ASSISTANT EXAMINER:	Portner, Ginny Allen		
LEGAL REPRESENTATIVE:	Richardson, Peter C., Ginsburg, Paul H., Koller, Alan L.		
NUMBER OF CLAIMS:	10		

EXEMPLARY CLAIM: 1
LINE COUNT: 1336
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 23 OF 43 USPATFULL

ACCESSION NUMBER: 1998:138906 USPATFULL
TITLE: Method for treating **coccidiosis**
INVENTOR(S): Virtanen, Erkki, Helsinki, Finland
Koivistoinen, Mika, Hirvihaara, Finland
McNaughton, James L., Easton, MD, United States
Rosi, Liisa, Nummela, Finland
PATENT ASSIGNEE(S): Cultor, Ltd., Helsinki, Finland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5834473		19981110
APPLICATION INFO.:	US 1997-903186		19970605 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-389821, filed on 15 Feb 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-202112, filed on 25 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-53138, filed on 29 Apr 1993, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Jordan, Kimberly		
LEGAL REPRESENTATIVE:	Sterne, Kessler, Goldstein & Fox P.L.L.C.		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1710		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 24 OF 43 USPATFULL

ACCESSION NUMBER: 1998:6787 USPATFULL
TITLE: Isolated protein from **Eimeria** useful as a cross species **vaccine**
INVENTOR(S): Anderson, David M., Rockville, MD, United States
McCandliss, Russell J., Gaithersburg, MD, United States
Strausberg, Susan Lee, Silver Spring, MD, United States
Strausberg, Robert L., Silver Spring, MD, United States
Ruff, Michael D., Bowie, MD, United States
Danforth, Harry D., Severn, MD, United States
Augustine, Patricia C., Laurel, MD, United States
PATENT ASSIGNEE(S): British Technology Group USA Inc., Gulph Mills, PA, United States (U.S. corporation)
The United States of America as represented by the Department of Agriculture, Washington, DC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5709862		19980120
APPLICATION INFO.:	US 1993-148279		19931108 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1992-879137, filed on 5 May 1992, now patented, Pat. No. US 5279960 which is a continuation of Ser. No. US 1988-215162, filed on 5 Jul 1988, now abandoned which is a continuation-in-part of Ser. No. US 1985-746520, filed on 19 Jun 1985, now abandoned And a continuation-in-part of Ser. No. US 1984-627811, filed on 5 Jul 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Caputa, Anthony C.		
LEGAL REPRESENTATIVE:	Banner & Witcoff, Ltd.		

NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 2
NUMBER OF DRAWINGS: 15 Drawing Figure(s); 15 Drawing Page(s)
LINE COUNT: 2682
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 25 OF 43 USPATFULL

ACCESSION NUMBER: 97:91157 USPATFULL

TITLE: Continuous cell line and **vaccine** against avian coccidia

INVENTOR(S): Miller, Timothy J., Lincoln, NE, United States
Clare, Robert A., Malvern, PA, United States
Lufburrow, Patricia, Sacramento, CA, United States
PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5674484		19971007
	WO 9301276		19930121
APPLICATION INFO.:	US 1994-182004		19940711 (8)
	WO 1992-US5797		19920710
			19940711 PCT 371 date
			19940711 PCT 102(e) date
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-729256, filed on 12 Jul 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Housel, James C.		
ASSISTANT EXAMINER:	Portner, Ginny Allen		
LEGAL REPRESENTATIVE:	Richardson, Peter C., Ginsburg, Paul H., Koller, Alan L.		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1333		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 26 OF 43 USPATFULL

ACCESSION NUMBER: 97:70926 USPATFULL

TITLE: **Eimeria** antigenic composition which elicits antibodies against avian **coccidiosis**

INVENTOR(S): Jacobson, James W., Rockville, MD, United States
Strausberg, Robert L., Silver Spring, MD, United States
Wilson, Susan D., Rockville, MD, United States
Pope, Sharon H., Gaithersburg, MD, United States
Strausberg, Susan Lee, Silver Spring, MD, United States
Ruff, Michael D., Bowie, MD, United States
Augustine, Patricia C., Laurel, MD, United States
Danforth, Harry D., Severn, MD, United States
PATENT ASSIGNEE(S): BTG USA Inc., Gulph Mills, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5656485		19970812
APPLICATION INFO.:	US 1996-691454		19960802 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-484387, filed on 7 Jun 1995, now patented, Pat. No. US 5597571 which is a division of Ser. No. US 1993-148432, filed on 8 Nov 1993, now patented, Pat. No. US 5482709, issued on 9 Jan 1996 which is a division of Ser. No. US 1990-581693, filed on 12 Sep 1990, now patented, Pat. No. US 5273901, issued on 28 Dec 1993 which is a continuation-in-part of Ser. No. US 1988-215162, filed		

on 5 Jul 1988, now abandoned which is a
continuation-in-part of Ser. No. US 1985-746520, filed
on 19 Jun 1985, now abandoned which is a
continuation-in-part of Ser. No. US 1984-627811, filed
on 5 Jul 1984, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Budens, Robert D.
ASSISTANT EXAMINER: Scheiner, Laurie
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Figure(s); 12 Drawing Page(s)
LINE COUNT: 1083
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 27 OF 43 USPATFULL

ACCESSION NUMBER: 97:35943 USPATFULL
TITLE: Method and composition for treatment and/or prophylaxis
of **coccidiosis**

INVENTOR(S): Bedford, Michael R., Marlborough, United Kingdom
Morgan, Andrew J., Marlborough, United Kingdom
Taylor, Michael A., Addlestone, United Kingdom
Catchpole, Janet, Addlestone, United Kingdom
PATENT ASSIGNEE(S): Finnfeeds International Limited, Wiltshire, Great
Britain (non-U.S. corporation)
Minister of Agriculture, Fisheries and Food, London,
Great Britain (non-U.S. government)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5624678		19970429
APPLICATION INFO.:	US 1995-435946		19950510 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1994-9336	19940510
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Phelan, D. Gabrielle	
LEGAL REPRESENTATIVE:	Watson Cole Stevens Davis, P.L.L.C.	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
LINE COUNT:	551	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 28 OF 43 USPATFULL

ACCESSION NUMBER: 97:7683 USPATFULL
TITLE: **Eimeria** antigenic composition which elicits
antibodies against avian **coccidiosis**
INVENTOR(S): Jacobson, James W., Rockville, MD, United States
Strausberg, Robert L., Silver Spring, MD, United States
Wilson, Susan D., Rockville, MD, United States
Pope, Sharon H., Gaithersburg, MD, United States
Strausberg, Susan L., Silver Spring, MD, United States
Ruff, Michael D., Bowie, MD, United States
Augustine, Patricia C., Laurel, MD, United States
Danforth, Harry D., Severn, MD, United States
PATENT ASSIGNEE(S): British Technology Group USA Inc., Gulph Mills, PA,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5597571		19970128
APPLICATION INFO.:	US 1995-484387		19950607 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1993-148432, filed on 8 Nov 1993, now patented, Pat. No. US 5482709 which is a division of Ser. No. US 1990-581693, filed on 12 Sep 1990, now patented, Pat. No. US 5273901 which is a continuation-in-part of Ser. No. US 1988-215162, filed on 5 Jul 1988, now abandoned which is a continuation-in-part of Ser. No. US 1985-746520, filed on 19 Jun 1985, now abandoned which is a continuation-in-part of Ser. No. US 1984-627811, filed on 5 Jul 1984, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Nucker, Christine M.
ASSISTANT EXAMINER: Scheiner, Laurie
LEGAL REPRESENTATIVE: Sterne, Kessler, Goldstein and Fox P.L.L.C.
NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Figure(s); 12 Drawing Page(s)
LINE COUNT: 1070
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 29 OF 43 USPATFULL

ACCESSION NUMBER: 96:92173 USPATFULL
TITLE: **Eimeria** tenella 16S rDNA probes
INVENTOR(S): Chakraborty, Prasanta R., Scotch Plains, NJ, United States
Dashkevicz, Michael, Jamesburg, NJ, United States
Elbrecht, Alex, Watchung, NJ, United States
Feighner, Scott D., Scotch Plains, NJ, United States
Liberator, Paul A., Jackson, NJ, United States
Profous-Juchelka, Helen, Staten Island, NY, United States
PATENT ASSIGNEE(S): Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5563256		19961008
APPLICATION INFO.:	US 1992-879469		19920512 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-707362, filed on 29 May 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Moskowitz, Margaret		
ASSISTANT EXAMINER:	Bennett, Lisa		
LEGAL REPRESENTATIVE:	Carty, Christine E., Tribble, Jack L., Pfeiffer, Hesna J.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	40 Drawing Figure(s); 40 Drawing Page(s)		
LINE COUNT:	2547		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 30 OF 43 USPATFULL

ACCESSION NUMBER: 96:18825 USPATFULL
TITLE: Method of reducing the output of **Eimeria oocysts** from a newborn chick
INVENTOR(S): Wallach, Michael, Jerusalem, Israel
Pugatsch, Thea, Maaleh Adumin, Israel
Mencher, David, Jerusalem, Israel
PATENT ASSIGNEE(S): Chilwalner, Tel-Aviv, Israel (non-U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 5496550 19960305
 APPLICATION INFO.: US 1993-108763 19930817 (8)
 RELATED APPLN. INFO.: Continuation of Ser. No. US 1991-642219, filed on 16 Jan 1991, now abandoned which is a continuation-in-part of Ser. No. US 1989-310603, filed on 14 Feb 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-155245, filed on 12 Feb 1988, now abandoned which is a continuation-in-part of Ser. No. US 1986-896611, filed on 14 Aug 1986, now abandoned

	NUMBER	DATE
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PRIORITY INFORMATION:	CA 1987-544427	19870813
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Sidberry, Hazel F.	
LEGAL REPRESENTATIVE:	White, John P.	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	22 Drawing Figure(s); 19 Drawing Page(s)	
LINE COUNT:	2051	

L12 ANSWER 31 OF 43 USPATFULL

ACCESSION NUMBER: 96:3507 USPATFULL
 TITLE: **Eimeria** antigenic composition which elicits antibodies against avian **coccidiosis**
 INVENTOR(S): Jacobson, James W., Rockville, MD, United States
 Strausberg, Robert L., Silver Spring, MD, United States
 Wilson, Susan D., Rockville, MD, United States
 Pope, Sharon H., Gaithersburg, MD, United States
 Strausberg, Susan L., Silver Spring, MD, United States
 Ruff, Michael D., Bowie, MD, United States
 Augustine, Patricia C., Laurel, MD, United States
 Danforth, Harry D., Severn, MD, United States
 PATENT ASSIGNEE(S): British Technology Group USA Inc., Gulph Mills, PA, United States (U.S. corporation)
 The United States of America as represented by the Dept. of Agriculture, Washington, DC, United States (U.S. government)

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 5482709		19960109
APPLICATION INFO.:	US 1993-148432		19931108 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1990-581693, filed on 12 Sep 1990, now patented, Pat. No. US 5273901 which is a continuation-in-part of Ser. No. US 1988-215162, filed on 5 Jul 1988 which is a continuation-in-part of Ser. No. US 1985-746520, filed on 19 Jun 1985, now abandoned which is a continuation-in-part of Ser. No. US 1984-627811, filed on 5 Jul 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Mosher, Mary E.		
ASSISTANT EXAMINER:	Scheiner, Laurie		
LEGAL REPRESENTATIVE:	Sterne, Kessler, Goldstein & Fox		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	14 Drawing Figure(s); 12 Drawing Page(s)		
LINE COUNT:	1353		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 32 OF 43 USPATFULL

ACCESSION NUMBER: 95:82362 USPATFULL

TITLE: **Eimeria praecox** 16S rDNA probes
 INVENTOR(S): Chakraborty, Prasanta R., Scotch Plains, NJ, United States
 Dashkevicz, Michael, Jamesburg, NJ, United States
 Elbrecht, Alex, Watchung, NJ, United States
 Feighner, Scott D., Scotch Plains, NJ, United States
 Liberator, Paul A., Holmdel, NJ, United States
 Profous-Juchelka, Helen, Staten Island, NY, United States
 PATENT ASSIGNEE(S): Merck and Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5449768		19950912
APPLICATION INFO.:	US 1992-879594		19920512 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-707360, filed on 29 May 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Moskowitz, Margaret		
ASSISTANT EXAMINER:	Bennett, Lisa		
LEGAL REPRESENTATIVE:	Carty, Christine E., Tribble, Jack L., Pfeiffer, Hesna J.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	39 Drawing Figure(s); 40 Drawing Page(s)		
LINE COUNT:	2560		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 33 OF 43 USPATFULL

ACCESSION NUMBER: 94:26641 USPATFULL
 TITLE: **Eimeria acervulina** 16S rDNA probes
 INVENTOR(S): Chakraborty, Prasanta R., Scotch Plains, NJ, United States
 Elbrecht, Alex, Watchung, NJ, United States
 Dashkevicz, Michael, Jamesburg, NJ, United States
 Feighner, Scott D., Scotch Plains, NJ, United States
 Liberator, Paul A., Jackson, NJ, United States
 Profous-Juchelka, Helen, Staten Island, NY, United States
 PATENT ASSIGNEE(S): Merck and Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5298613		19940329
APPLICATION INFO.:	US 1992-879644		19920512 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-706817, filed on 29 May 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Moskowitz, Margaret		
ASSISTANT EXAMINER:	Bennett, Lisa		
LEGAL REPRESENTATIVE:	Carty, Christine E., Tribble, Jack L., Pfeiffer, Hesna J.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	40 Drawing Figure(s); 40 Drawing Page(s)		
LINE COUNT:	2498		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 34 OF 43 USPATFULL

ACCESSION NUMBER: 94:15869 USPATFULL

TITLE: **Eimeria** necatrix 16s rDNA probes
 INVENTOR(S): Chakraborty, Prasanta R., Scotch Plains, NJ, United States
 Dashkevicz, Michael, Jamesburg, NJ, United States
 Elbrecht, Alex, Watchung, NJ, United States
 Feighner, Scott D., Scotch Plains, NJ, United States
 Liberator, Paul A., Jackson, NJ, United States
 Profous-Juchelka, Helen, Staten Island, NY, United States
 PATENT ASSIGNEE(S): Merck and Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5288845		19940222
APPLICATION INFO.:	US 1992-879470		19920512 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-707351, filed on 29 May 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Moskowitz, Margaret		
ASSISTANT EXAMINER:	Bennett, Lisa		
LEGAL REPRESENTATIVE:	Carty, Christine E., Tribble, Jack L., Pfeiffer, Hesna J.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	16 Drawing Figure(s); 40 Drawing Page(s)		
LINE COUNT:	2493		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 35 OF 43 USPATFULL

ACCESSION NUMBER: 94:5814 USPATFULL
 TITLE: 25 KD coccidial antigen of **eimeria** tenella
 INVENTOR(S): Anderson, David M., Rockville, MD, United States
 McCandliss, Russell J., Gaithersburg, MD, United States
 Strausberg, Susan L., Silver Spring, MD, United States
 Strausberg, Robert L., Silver Spring, MD, United States
 Ruff, Michael D., Bowie, MD, United States
 Danforth, Harry D., Severn, MD, United States
 Augustine, Patricia C., Laurel, MD, United States
 PATENT ASSIGNEE(S): Enzon Corp., Piscataway, NJ, United States (U.S. corporation)
 U.S.A. Dept. of Agriculture, Washington, DC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5279960		19940118
APPLICATION INFO.:	US 1992-879137		19920505 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1988-215162, filed on 5 Jul 1988, now abandoned which is a continuation-in-part of Ser. No. US 1985-746520, filed on 19 Jun 1985, now abandoned which is a continuation-in-part of Ser. No. US 1984-627811, filed on 5 Jul 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lacey, David L.		
ASSISTANT EXAMINER:	Nisbet, T. Michael		
LEGAL REPRESENTATIVE:	Sterne, Kessler, Goldstein & Fox		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	15 Drawing Figure(s); 15 Drawing Page(s)		
LINE COUNT:	2607		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 36 OF 43 USPATFULL

ACCESSION NUMBER: 94:3920 USPATFULL
TITLE: **Eimeria brunetti** 16s rDNA probes
INVENTOR(S): Chakraborty, Prasanta R., Scotch Plains, NJ, United States
Elbrecht, Alex, Watchung, NJ, United States
Dashkevich, Michael, Jamesburg, NJ, United States
Feighner, Scott D., Scotch Plains, NJ, United States
Liberator, Paul A., Jackson, NJ, United States
Profous-Juchelka, Helen, Staten Island, NY, United States
PATENT ASSIGNEE(S): Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5278298		19940111
APPLICATION INFO.:	US 1992-879584		19920512 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-706717, filed on 29 May 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Moskowitz, Margaret		
ASSISTANT EXAMINER:	Bennett, Lisa		
LEGAL REPRESENTATIVE:	Carty, Christine E., Tribble, Jack L., Pfeiffer, Hesna J.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	40 Drawing Figure(s); 40 Drawing Page(s)		
LINE COUNT:	2510		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 37 OF 43 USPATFULL

ACCESSION NUMBER: 93:109000 USPATFULL
TITLE: Genetically engineered **coccidiosis** sporozoite
21.5 Kb antigen, ac-6b
INVENTOR(S): Jacobson, James W., Rockville, MD, United States
Strausberg, Robert L., Silver Spring, MD, United States
Wilson, Susan D., Rockville, MD, United States
Pope, Sharon H., Gaithersburg, MD, United States
Strausberg, Susan L., Silver Spring, MD, United States
Ruff, Michael D., Bowie, MD, United States
Augustine, Patricia C., Laurel, MD, United States
Danforth, Harry D., Severn, MD, United States
PATENT ASSIGNEE(S): Enzon Corp., S. Plainfield, NJ, United States (U.S. corporation)
U.S. Dept. of Agriculture, Washington, DC, United States (U.S. government)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5273901		19931228
APPLICATION INFO.:	US 1990-581693		19900912 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1988-215162, filed on 5 Jul 1988 which is a continuation-in-part of Ser. No. US 1985-746520, filed on 19 Jun 1985, now abandoned which is a continuation-in-part of Ser. No. US 1984-627811, filed on 5 Jul 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Chan, Y. Christina		
ASSISTANT EXAMINER:	Nisbet, T. Michael		
LEGAL REPRESENTATIVE:	Sterne, Kessler, Goldstein & Fox		

NUMBER OF CLAIMS: 4
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Figure(s); 12 Drawing Page(s)
LINE COUNT: 1018
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 38 OF 43 USPATFULL

ACCESSION NUMBER: 93:100862 USPATFULL

TITLE: **Eimeria** maxima 16S rDNA probes

INVENTOR(S): Chakraborty, Prasanta R., Scotch Plains, NJ, United States

Dashkevich, Michael, Jamesburg, NJ, United States

Elbrecht, Alex, Watchung, NJ, United States

Feighner, Scott D., Scotch Plains, NJ, United States

Liberator, Paul A., Holmdel, NJ, United States

Profous-Juchelka, Helen, Staten Island, NY, United States

PATENT ASSIGNEE(S): Merck and Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5266689		19931130
APPLICATION INFO.:	US 1992-879647		19920512 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-706628, filed on 29 May 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Moskowitz, Margaret		
ASSISTANT EXAMINER:	Bennett, Lisa		
LEGAL REPRESENTATIVE:	Carty, Christine E., Tribble, Jack L., Pfeiffer, Hesna J.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	39 Drawing Figure(s); 40 Drawing Page(s)		
LINE COUNT:	2489		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 39 OF 43 USPATFULL

ACCESSION NUMBER: 93:12440 USPATFULL

TITLE: DNA encoding an antigenic protein derived from

Eimeria tenella and **vaccines** for prevention of **coccidiosis** caused by **Eimeria** tenella

INVENTOR(S): Andrews, William H., San Mateo, CA, United States

Brothers, Virginia M., Albany, CA, United States

Files, James G., Belmont, CA, United States

Kuhn, Irene, San Francisco, CA, United States

McCaman, Michael T., San Bruno, CA, United States

Sias, Stacey R., San Anselmo, CA, United States

Paul, Leland S., Island Lake, IL, United States

Gore, Thomas C., Charles City, IA, United States

Newman, Jr., Karel Z., Eden Prairie, MN, United States

Tedesco, John L., St. Peters, MO, United States

PATENT ASSIGNEE(S): Solvay & Cie S.A., Brussels, Belgium (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5167080		19930216
APPLICATION INFO.:	US 1992-824700		19920121 (7)
DISCLAIMER DATE:	20061017		
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1987-125012, filed on 24 Nov 1987, now abandoned which is a continuation-in-part		

of Ser. No. US 1985-805824, filed on 6 Dec 1985, now patented, Pat. No. US 4874705 which is a continuation-in-part of Ser. No. US 1985-734085, filed on 16 May 1985, now abandoned which is a continuation-in-part of Ser. No. US 1984-617483, filed on 5 Jun 1984, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ellis, Joan
LEGAL REPRESENTATIVE: White, John P.
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1,3,10,18,19
NUMBER OF DRAWINGS: 25 Drawing Figure(s); 33 Drawing Page(s)
LINE COUNT: 2880
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 40 OF 43 USPATFULL

ACCESSION NUMBER: 92:49006 USPATFULL

TITLE: Cloned genes coding for avian **coccidiosis** antigens which induce a cell-mediated immune response

INVENTOR(S): Jenkins, Mark C., Bowie, MD, United States
Lillehoj, Hyun S., West Friendship, MD, United States
Dame, John B., Gainesville, FL, United States
Danforth, Harry D., Severn, MD, United States
Ruff, Michael D., Bowie, MD, United States

PATENT ASSIGNEE(S): The United States of America as represented by the Secretary of Agriculture, Washington, DC, United States (U.S. government)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5122471		19920616
APPLICATION INFO.:	US 1989-308219		19890209 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1988-155264, filed on 12 Feb 1988		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ellis, Joan		
LEGAL REPRESENTATIVE:	Silverstein, M. Howard, Fado, John D., Ribando, Curtis P.		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1250		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 41 OF 43 USPATFULL

ACCESSION NUMBER: 91:82040 USPATFULL

TITLE: **Vaccines** for **coccidiosis** comprising live sporulated **oocysts** from strains of **eimeria** species

INVENTOR(S): McDonald, Vincent, Cambridge, United Kingdom
Shirley, Martin W., Buckden, United Kingdom
PATENT ASSIGNEE(S): National Research Development Corporation, London, United Kingdom (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5055292		19911008
APPLICATION INFO.:	US 1990-506538		19900409 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1987-858009, filed on 17 Aug 1987, now abandoned		

NUMBER	DATE
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PRIORITY INFORMATION: GB 1986-20059 19860818
 GB 1986-29475 19861210
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Draper, Garnette D.
 LEGAL REPRESENTATIVE: Bacon & Thomas
 NUMBER OF CLAIMS: 18
 EXEMPLARY CLAIM: 1
 LINE COUNT: 886

L12 ANSWER 42 OF 43 USPATFULL
 91:52633 USPATFULL
 ACCESSION NUMBER: Antigenic proteins and **vaccines** containing
 TITLE: them for prevention of **coccidiosis** caused by
eimeria Eimeria necatrix and
Eimeria tenella
 INVENTOR(S): Mewman, Jr., Karel Z., Charles City, IA, United States
 Tedesco, John L., Charles City, IA, United States
 Gore, Thomas C., Charles City, IA, United States
 Petersen, Gary R., Charles City, IA, United States
 Brothers, Virginia M., Albany, CA, United States
 Files, James G., Belmont, CA, United States
 Paul, Leland S., Woodside, CA, United States
 PATENT ASSIGNEE(S): Solvay & Cie, S.A., Brussels, Belgium (non-U.S.
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5028694		19910702
APPLICATION INFO.:	US 1985-805301		19851203 (6)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Moskowitz, Margaret		
ASSISTANT EXAMINER:	Furman, Keith C.		
LEGAL REPRESENTATIVE:	White, John P.		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 10 Drawing Page(s)		
LINE COUNT:	1809		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 43 OF 43 USPATFULL
 91:28407 USPATFULL
 ACCESSION NUMBER: Protection
 TITLE: Davis, Paul J., Bedfordshire, England
 INVENTOR(S): Quarmbay, Simon C., Irchester, England
 Schoenmakers, Albert W., Dendermonde, Belgium
 Unilever Patent Holdings B.V., Rotterdam, Netherlands
 PATENT ASSIGNEE(S): (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5006341		19910409
APPLICATION INFO.:	US 1988-193624		19880513 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1987-11256	19870513
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Prater, P. L.	
LEGAL REPRESENTATIVE:	Cushman, Darby & Cushman	
NUMBER OF CLAIMS:	19	

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 820

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(FILE 'HOME' ENTERED AT 13:19:48 ON 07 JUN 2002)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,
USPATFULL, JAPIO' ENTERED AT 13:20:03 ON 07 JUN 2002

L1	23919 S EIMERIA
L2	18067 S COCCIDIOSIS
L3	27354 S OOCYST?
L4	425724 S VACCINE
L5	1244 S L2 AND L4
L6	10139 S L1 AND L2
L7	4602 S L6 AND L3
L8	467 S L7 AND L4
L9	297 DUP REM L8 (170 DUPLICATES REMOVED)
L10	108 S L9 AND ATTENUAT?
L11	3292797 S (POLYVALENT OR MUTIVALENT OR BIVALENT OR COMBINATION)
L12	43 S L11 AND L10